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Infrastructure Projects:

- Airports
- Bikeways
- Bridges
- Drainage Control Facilities
- Flood Control Facilities
- Libraries
- Parks
- Recreation Centers
- Police Stations
- Fire Stations
- Lifeguard Stations
- Street Improvements
- Street Lights
- Traffic Signals
- Utilities Undergrounding
- Water Facilities
- Sewer Facilities
- Water Pipelines
- Sewer Pipelines

UPAS STREET PIPELINE REPLACEMENT PROJECT

Background

The 24- to 30-inch diameter cast iron Upas Street Pipeline (Upas PL) was placed into service in 1939 to supply the Pacific Beach and Mission Beach communities via the Pacific Beach Pipeline from the former University Heights Water Treatment Plant (WTP). The University Heights WTP was decommissioned in 1950, and the Upas PL remained in service, delivering water to residential, commercial, and industrial areas in the City’s Midway–Pacific Highway, Uptown, Greater North Park and Balboa Park communities.

The 16-inch diameter cast iron Park Boulevard Pipeline (Park PL) was placed into service in 1913. This project will replace the Park PL from the intersection of Upas Street and Park Boulevard north to Robinson Avenue. The 16- to 20-inch diameter cast iron 5th Avenue Pipeline (5th PL) can be divided into four sections installed as early as 1902 and as late as 1958. The 5th PL will be replaced from the intersection of Upas Street and 5th Avenue to Robinson Avenue.

Now more than 70 years old, the pipelines are reaching the end of their useful lifecycle. They are badly deteriorated and have a recent history of leakage and pipe breaks. Reliability concerns are increased because the Upas PL crosses canyon lands and open space areas that are difficult or impossible to access for routine maintenance. The Upas PL also has a number of direct service connections that must be relocated to a new, smaller distribution pipeline for consistency with current City codes and design standards.

Project Overview

This project will help bring the existing water delivery system up to current standards, improve system reliability and reduce maintenance requirements by:

- Replacing approximately 5.4 miles (28,500 linear feet) of cast iron water mains along Upas Street, Park Boulevard, 5th Avenue
- Replacing existing Pressure Regulating Stations at West Upas Street and Brant Street; at Upas Street and Hawk Street; and at Upas Street and Park Boulevard
- Installing a new Pressure Regulating Station at Upas Street and 7th Avenue

Construction Schedule

- Construction – Fall 2013 through Spring 2015*

*Dates are approximate and subject to change; please visit the Project website regularly for the latest!

Project Budget

The project’s planning, design and construction budget is \$20.2 million.

